U.S. MARINE CORPS PREPOSITIONING PROGRAMS INFORMATION BRIEF

FOR

MR. JOE FENGLER, HASC PSM

EXPEDITIONARY POLICIES BRANCH,
PP&O, HQMC

MAJOR STEVE SKLENKA, U.S.M.C.

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PURPOSE

PURPOSE: Provide an information brief and update regarding the U.S. Marine Corps prepositioning programs of MPF and GPF/NALMEB, specifically as the programs supported OIF I and relate to the support of OIF II. Additionally, this brief provides information regarding the execution of Offload Preparation Party (OPP) actions in relation to overall MPF operations.

AGENDA

- **Background:**
  - **MPF Concept and Capabilities**
  - **MPF Disposition Prior to OIF**
  - **MPF in Support Of OIF**
    - **Offload Stats**
    - **Major MPF Equipment Offloaded For OIF**
- **MPF Realignment**
  - **Geographic And Ship Class Dispositions Of MPS:**
- **MPSRON Reconstitution**
- **MPSRON ISO OIF Ili**
- **Offload Preparation Party (OPP)**
- **Geographic Prepositoned Force [GPF] (Formerly NALMEB)**
  - **NALMEB/GPF Concept And Capabilities**
    - **History**
    - **Organization**
    - **Summary Of Prepositioned Equipment**
  - **GPF /NALMEB Use**
  - **GPF Constitution**
  - **GPF Use ISO OIF II**
  - **GPF Future**
- **Questions/comments**

MARITIME PREPOSITIONING FORCE = 3 X MARINE EXPEDITIONARY BRIGADES

- **Fly-in echelon**
  - **Approx 15,000 Marines & Sailors**
  - **285 C-17 Aircraft Sorties**
- **Needs Secure Port & Airfield**
- **Each MPSRON Possesses**
  - **58 M1A1 Main Battle Tanks**
  - **30 M198 Howitzers**
  - **48 Anti-Tank Vehicles**
  - **109 Amphibious Assault Vehicles**
  - **25 Light Armored Vehicles**

MPF (ENHANCEMENT) CAPABILITIES

- **Added one ship to each MPF Squadron providing:**
  - **Naval Mobile Construction Battalion**
  - **Expeditionary Airfield**
  - **Naval Fleet Hospital**
  - **A Reduction of lift for the Fly-in-Echelon**

MARTIN

STOCKHAM

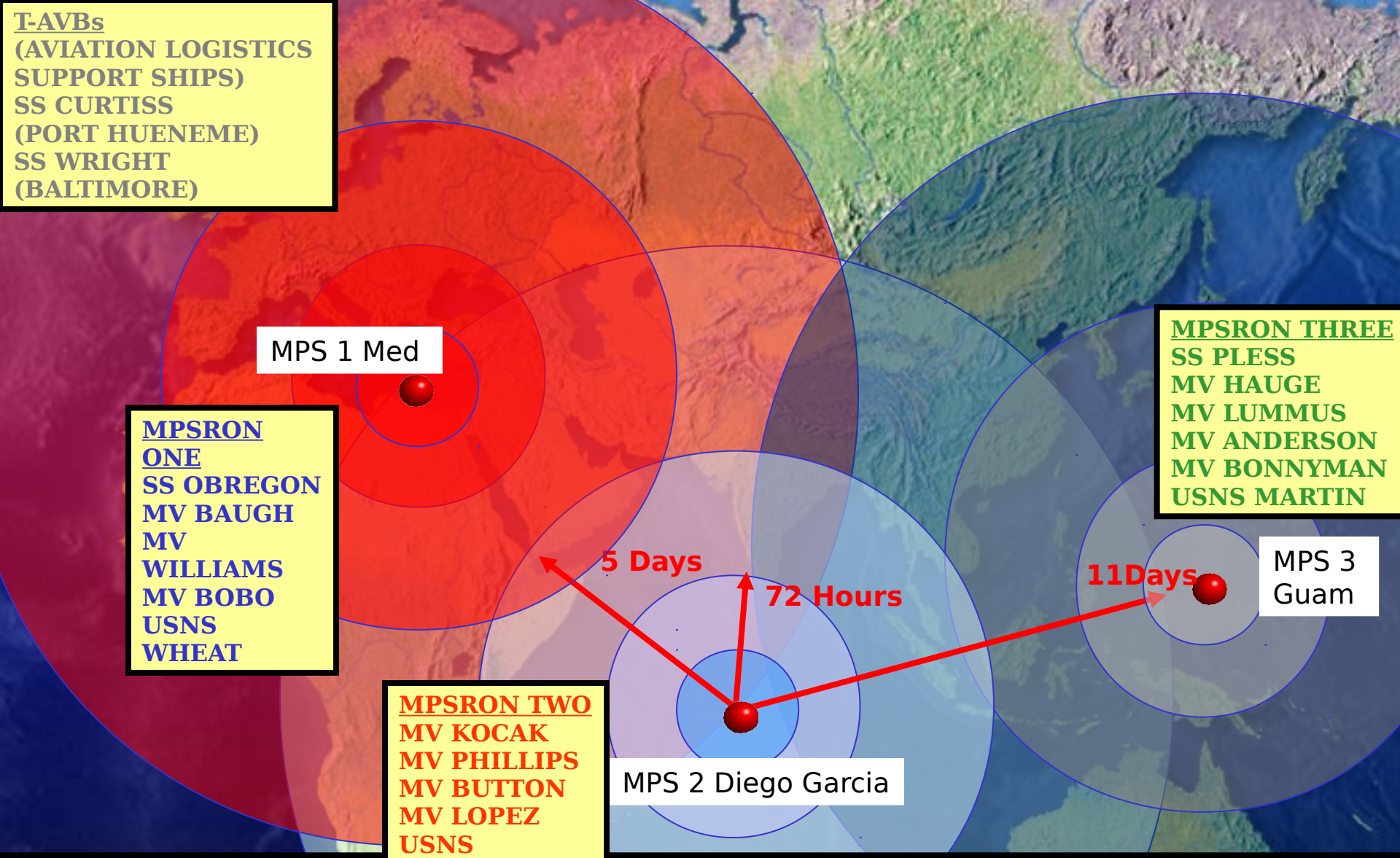
WHEAT

ADVANTAGES OF AFLOAT PREPOSITIONING

- **MPSRONs have global reach and are strategically positioned providing the combatant commander:**
  - **Forward Presence**
  - **Crisis Response**
  - **Operational Range and Flexibility**
  - **Shaping Ability**
- **Minimal force protection requirements while afloat**
- **Maintains limited footprint and reliance on host nation support**
- **Follow on employment capability**
- **Interoperability**

ADVANTAGES OF AFLOAT PREPOSITIONING

- Saves strategic lift sorties
- Dual role capability
  - Facilitates deployment of USMC forces
  - Post offload: common user lift
- MPF equipment
  - Modernized in conjunction with operating forces
  - Maintained in high state of readiness



MPF SQUADRONS

MPF NOTIONAL FORCE CLOSURE

Ships

Transit | **Offload**

0 — 6 — 10

Survey Liaison Recon Party

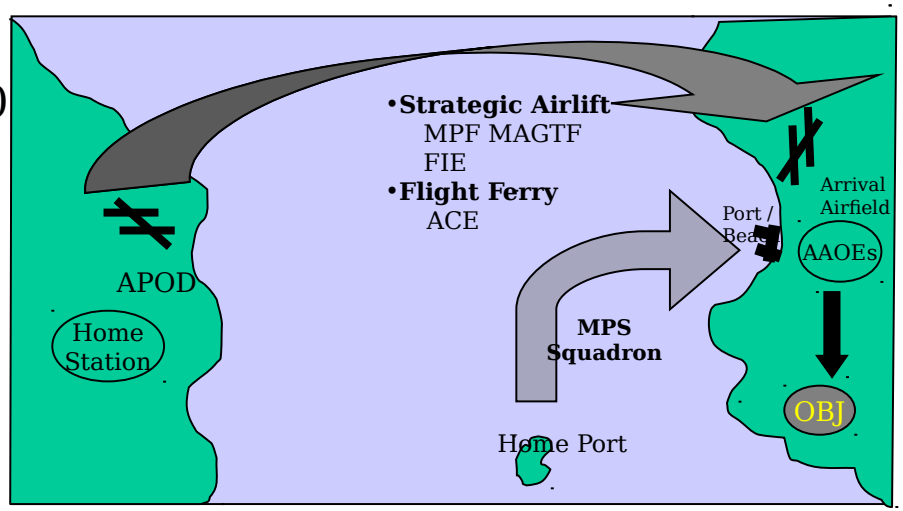
Deploy | **Prepare Port**

Offload Preparation Party

Deploy | **Prepare Cargo**

Advance Party

Deploy



Main Body

Deploy

Arrival and Assembly Operations

Fully Operational

17

0 — 2 — 4 — 6 — 8 — 10 — 12 — 14 — 16 — 18

MPF MAINTENANCE CYCLE

- Concept
  - All Equipment Offloaded and Maintained at Blount Island
  - 36 Month Rotation Cycle for Entire MPF
  - All 16 Ships, 1 Ship at a Tim
  - Offload to Backload:
    60 Days Per Ship
  - Ammo shipped for rework
- Critical for MPF Readiness

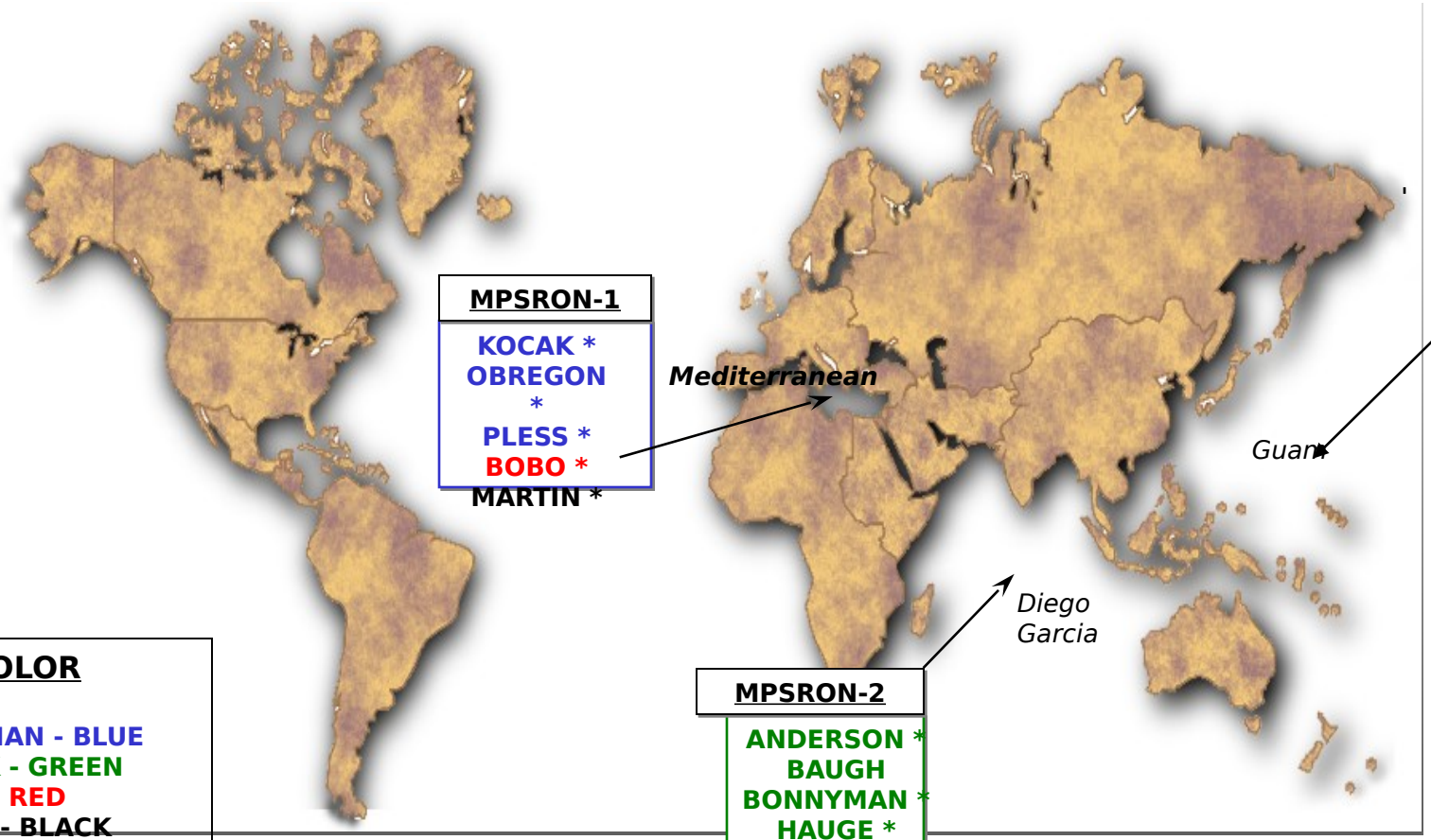
SNAPSHOT:
MPF Equipment/Sustainment Offloaded ISO 1003V

GROUND EQUIPMENT

- 120 M1A1 Main Battle Tanks
- 63 M198 Howitzers
- 226 Amphibious Assault Vehicles
- 50 Light Armored Vehicles
- 472 Engineering/MHE Equipment
- 3517 Rolling Stock
- 85 Water Purification Units
- 1098 Generators
- 30 Days of Sustainment
  - Force of 29,000

5,054 Containers

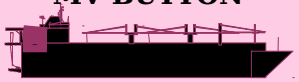
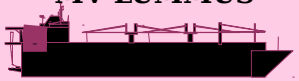
PRE 1003V MPF DISPOSITION



MPS COLOR CODE:
WATERMAN - BLUE
MAERSK - GREEN
AMSEA - RED
MPF (E) - BLACK

* = OFFLOADED DURING OIF

ORIGINAL MPS DISPOSITION

MPSRON-1	MPSRON-2	MPSRON-3
WATERMAN SS OBREGON SS KOCAK SS PLESS	**MAERSK** MV BONNYMAN MV ANDERSON MV PHILLIPS MV HAUGE MV BAUGH	**AMSEA** MV LOPEZ MV BUTTON  MV LUMMUS  MV WILLIAMS
AMSEA MV BOBO		

MPF ENHANCEMENT (E)		
 USNS MARTIN	 USNS STOCKHAM	 USNS WHEAT

TOTAL RORO	781408	901556	806117
TOTAL TEU	2455	2025	2497

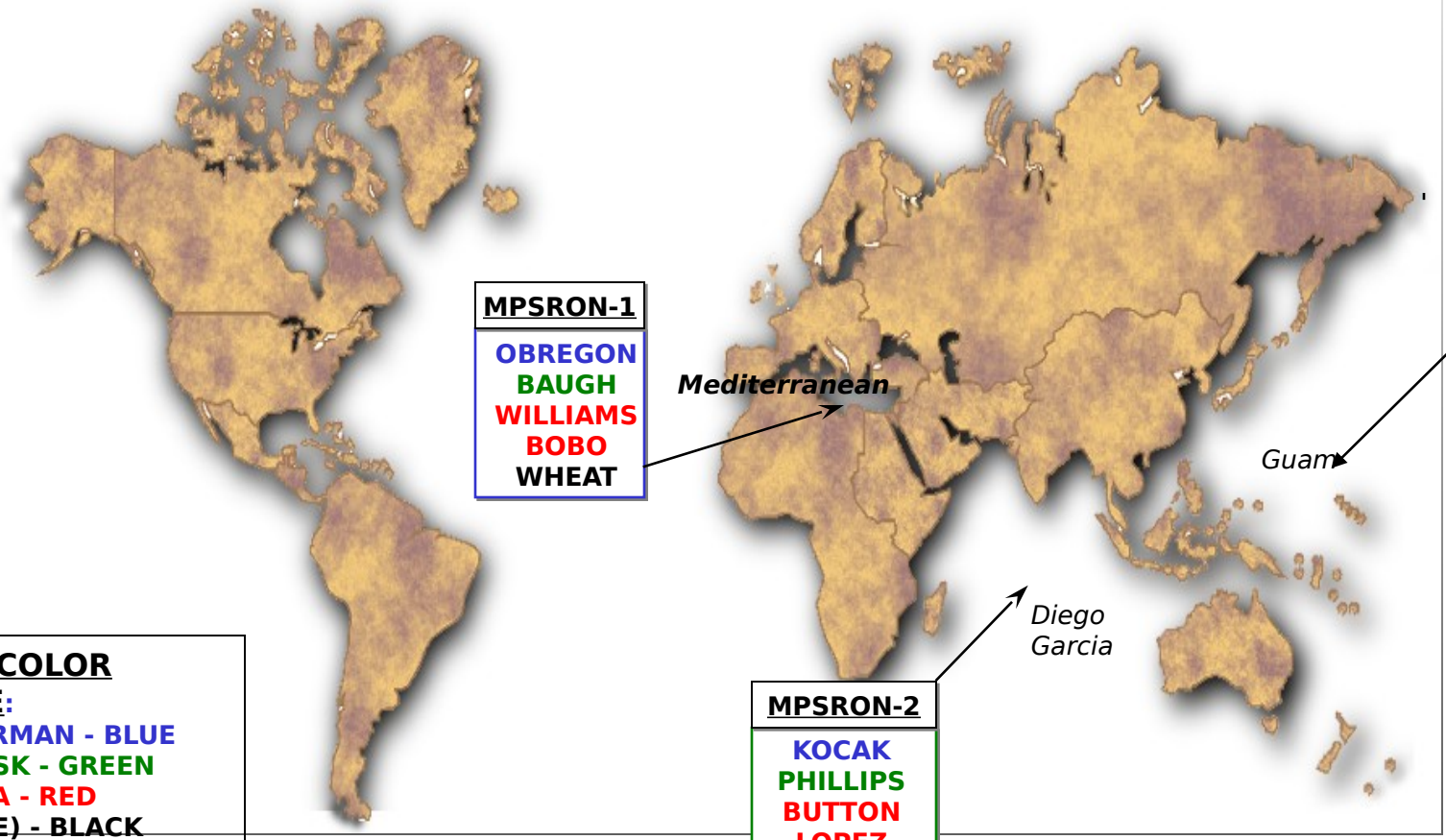
NEW MPSRON DISPOSITION

	MPSRON-1	MPSRON-2	MPSRON-3
	CORE "SWING-SHIPS" (MIRROR IMAGED)		
AMSEA	MV BOBO	= MV LOPEZ	= MV LUMMUS
WATERMAN	SS OBREGON	= SS KOCAK	= SS PLESS
MAERSK	MV BAUGH	= MV PHILLIPS	= MV HAUGE
	AMSEA MV WILLIAMS	MV BUTTON	MAERSK MV ANDERSON MV BONNYMAN

MPF ENHANCEMENT (E)		
USNS WHEAT	USNS STOCKHAM	USNS MARTIN

TOTAL RORO	775593	847914	865574
TOTAL TEU	2350	2147	2480

REALIGNED MPSRONs



MPSRON RECONSTITUTION

- **Reconstitution occurred in theater and at BICmd**
  - **1 X MPSRON currently in place ready to respond to PACOM OPLAN as of AUG 03**
  - **All 3 MPSRONs were scheduled to be in place with initial operating capability APR ’04**
  - **Reconstitution will be formally complete upon conclusion of MMC-8 in FY07**
- **Priority of Reconstitution determined by mission requirements**

OIF II SUPPORT

- **5 shiploads of MPF equipment used 3 MPS used ISO OIF II**
- **Deployed Blount Island Command support personnel to Kuwait ISO offload actions**

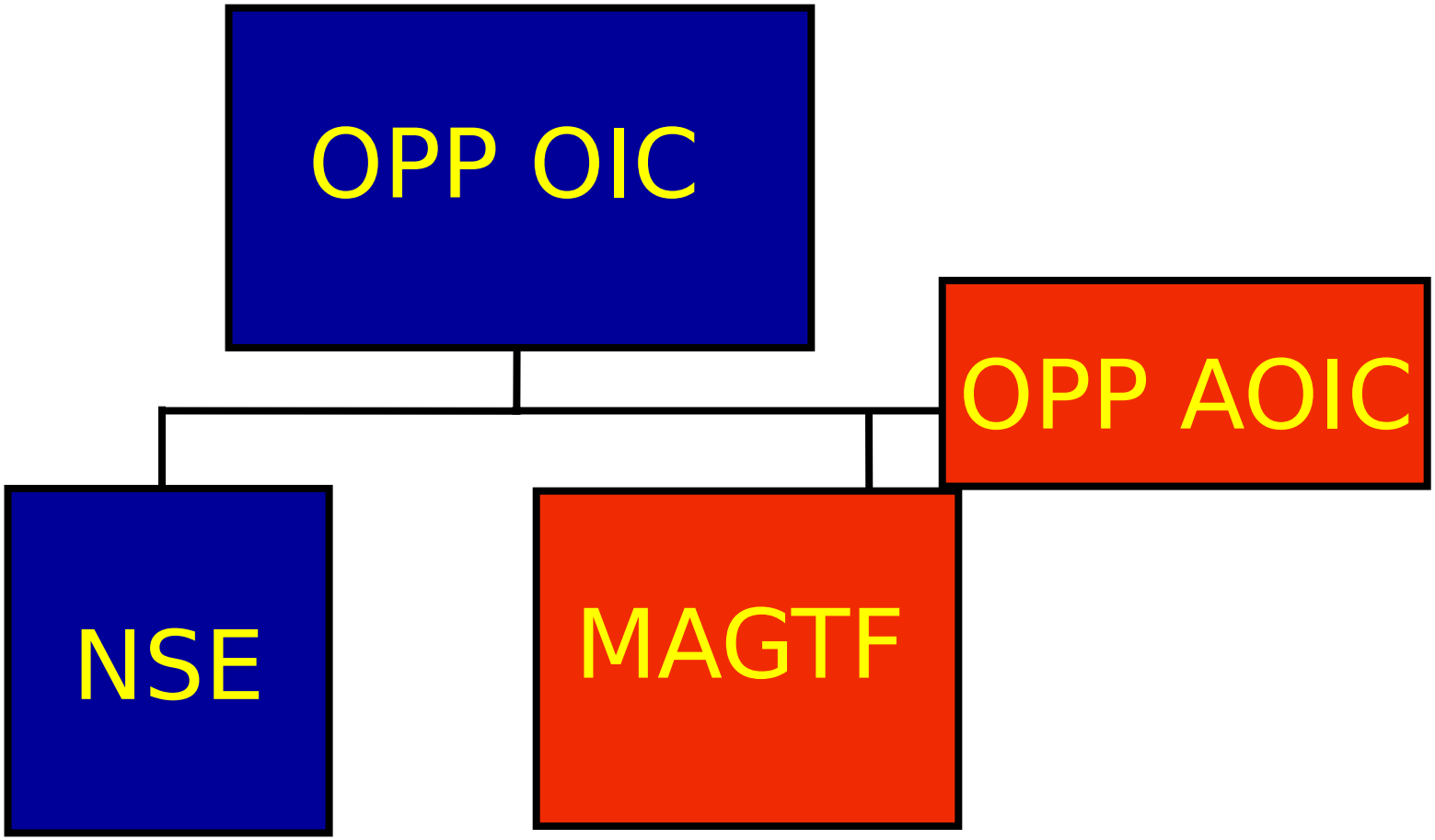
IMPACT OF OIF II SUPPORT

- **CLASSIFIED INFORMATION**

OFF-LOAD PREPARATION PARTY (OPP)

Temporary task organization of Navy and Marine maintenance, embarkation, and equipment operators from all MAGTF elements and the NSE

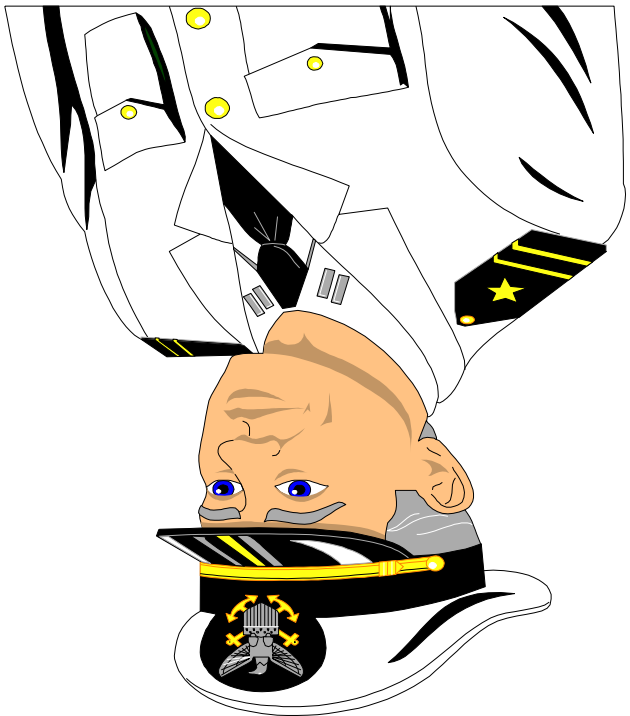
ORGANIZATION



OPP HEADQUARTERS ORGANIZATION

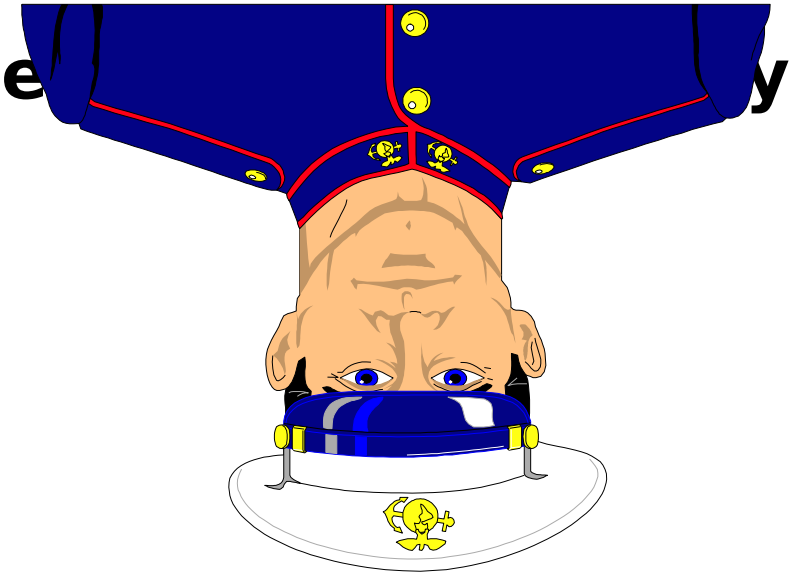
- Consists of OIC and his staff
- OIC: Navy officer designated by CNSE
- Overall responsibility for equipment preparation

  efforts for the MPSRON



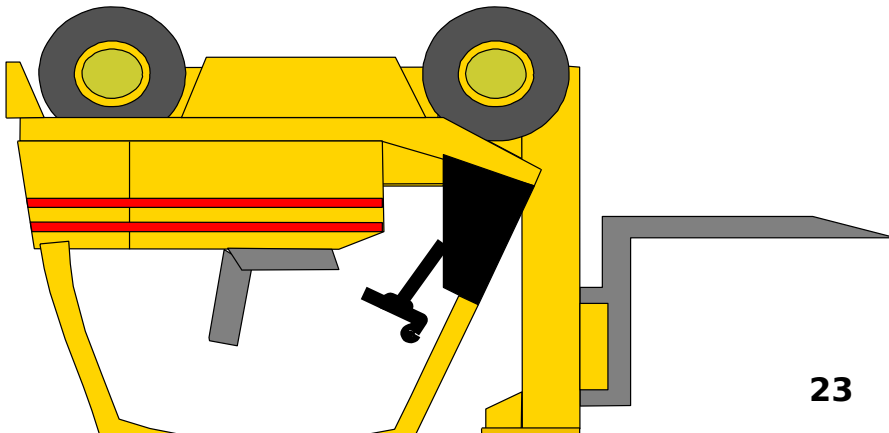
OPP AOIC

- **AOIC: Senior Marine officer of OPP realigns personnel as necessary**
- **Oversees work / coordinates support**
- **Prioritizes e y**



OPP DETACHMENT

- **Each ship has an OPP detachment with 2 elements**
  - ***Navy Support Element:*** **Normally NAVCHAPGRU, ACU, BMU and ACB (SEABEES)**
  - ***MAGTF:*** **embark/maintenance personnel, equipment operators**



RESPONSIBILITIES OF THE OPP DETACHMENT

- Tasks
  - Prepare the ship's off-load systems:
    - Ship cranes and winches
    - Lighterage
    - Slings, container handlers, etc.
    - Fuel and water discharge systems
  - Depreservation and preparation of embarked equipment
    - Normal "before operating services" listed in equipment technical manual
    - Fueling
    - Identify defects
    - Limited organizational maintenance

NORMAL PRIORITY FOR EQUIPMENT PREP

- Ship cargo handling systems
- Lighterage
- NSE equipment for in stream and beach off-load
- Equipment/material required to support off- load
- All other USMC equipment

COMMAND RELATIONSHIPS

- **OPP responsibilities and priorities are established by MAGTF Commander in coordination with NSE Commander**
- **OPP OIC reports to COMPSRON for specific direction concerning squadron activities**
- **Upon arrival, OPP OIC and OPP Det OIC's report to COMPSRON and ship's master for specific direction concerning**

CONTRACTING OFFICER REPRESENTATIVE (COR)

- Marine Corps Logistics Bases (MCLB),
  Albany, GA
- On-site civilian representative
- One COR per MPSRON
- OPP OIC does not possess directive
  authority over COR

COR DUTIES

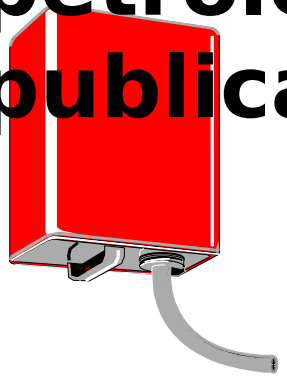
- **Monitors shipboard maintenance on USMC cargo and NSE lighterage**

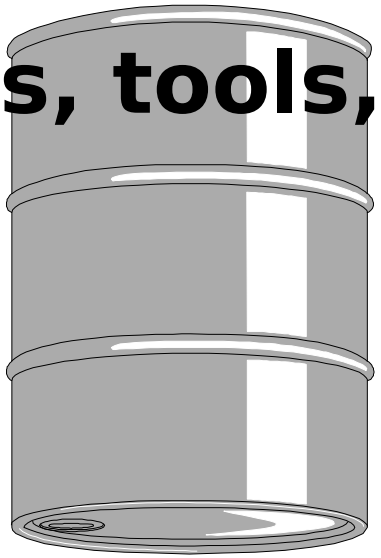
- **Through the Contract Maintenance Team (CMT)**

- **CMT are civilian personnel provided by the USMC maintenance contractor**

ADDITIONAL COR DUTIES

- Orients OPP personnel with equipment & ship facilities
- Provides access to: pre-expended bins, petroleum / oil / lubricants, tools, publications





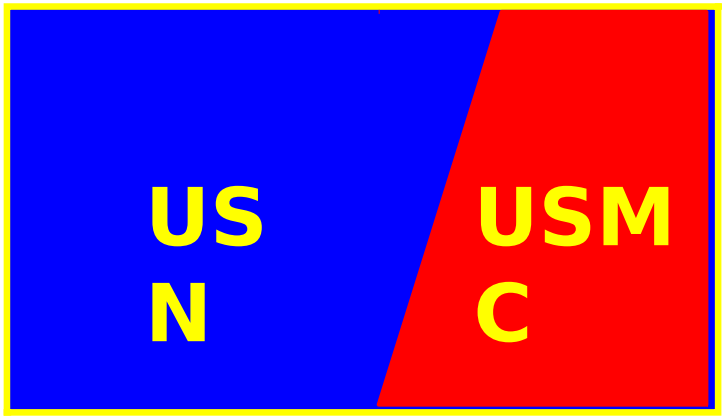
DISESTABLISHMENT OF OPP

- Occurs upon arrival at the AAA and/or completion of off-load preparation
- OPP will remain aboard MPS as the nucleus of debark teams for MAGTF and NSE personnel arriving in the fly-in echelon
- CNSE will normally make the OPP OIC Off-load Control Officer (OCO) for off-load OCO supervises the ship to shore movement from a

OPP - DEBARK TRANSITION

OPP

DEBARK TEAMS

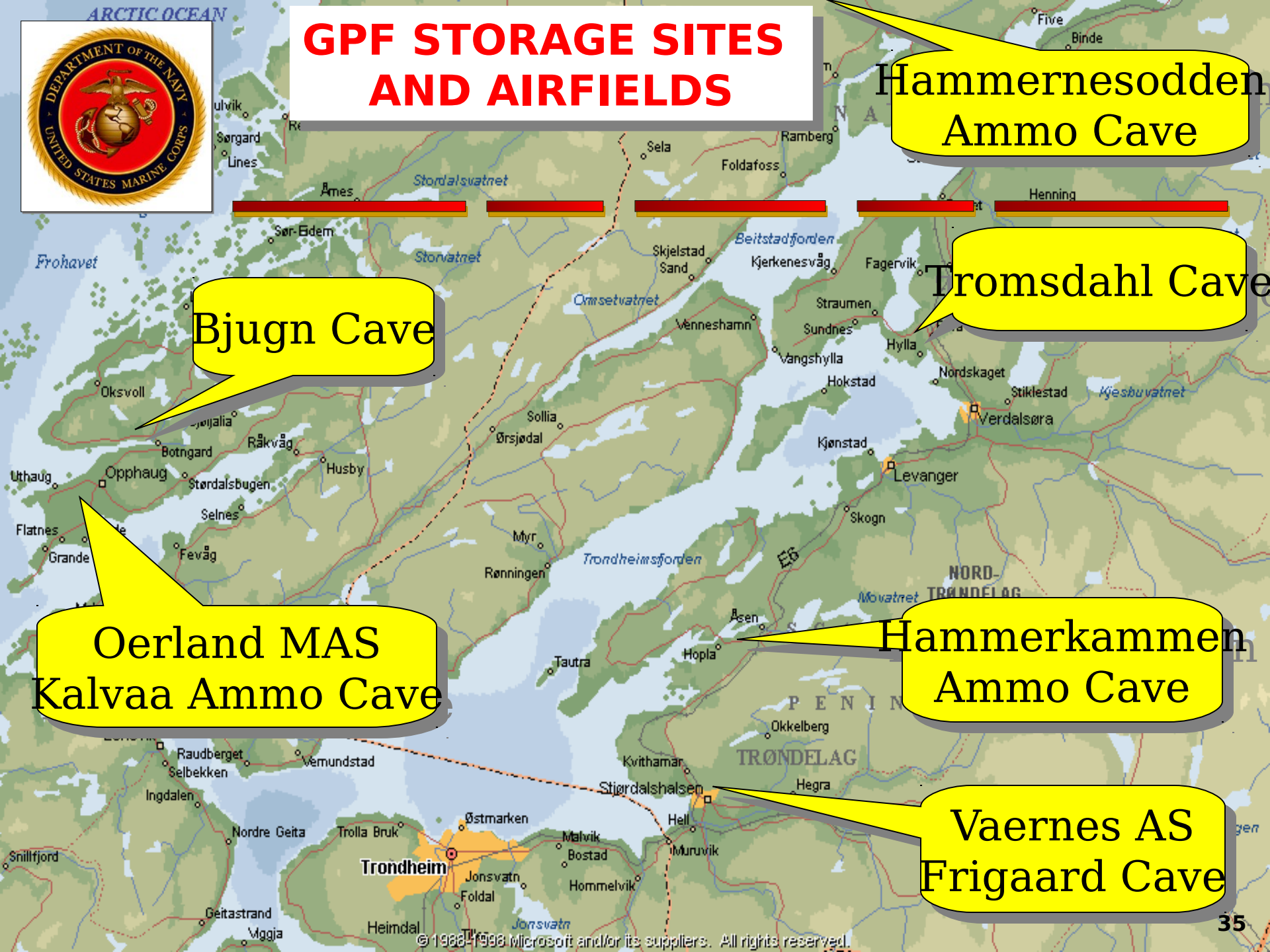


	OPP TM OBREGON OFF		OPP TM KOCAK OFF		OPP TM BOBO OFF		OPP TM PLESS OFF			
		ENL		ENL		ENL		ENL		ENL
MEF FWD										
HQ	0	0	0	0	0	0	0	0		
RLT		0	33	0	36	0	37	0	35	
MAG		0	11	0	12	0	12	0	11	
FSSG	FWD		3	36	1	37	1	36	1	39
SUBTOTAL		**3**	**80**	**1**	**85**	**1**	**85**	**1**	**85**	
NSE										
NBG										
BMU	0	3	0	2	0	1	1	0		
ACU	1	5	0	4	0	4	0	5		
PHIBCB	0	5	1	4	1	3	0	5		
CHAPGRU	1	4	1	4	1	4	1	4		
SUBTOTAL		**2**	**17**	**2**	**14**	**2**	**12**	**2**	**14**	
TOTAL	**5**	**97**	**3**	**99**	**3**	**97**	**3**	**99**		

GEOGRAPHIC PREPOSITIONED FORCE

(FORMERLY NALMEB)

GPF STORAGE SITES


GPF STORAGE SITES AND AIRFIELDS
Hammernesodden Ammo Cave
Tromsdahl Cave
Bjugn Cave
Oerland MAS
Kalvaa Ammo Cave
Hammerkammen Ammo Cave
Vaernes AS
Frigaard Cave
ARCTIC OCEAN
Frohavet
Stordalsvatnet
Storvatnet
Omsetvatnet
Beitstadfjorden
Trondheimsfjorden
Jonsvatn
Movatnet
Kjesbuvatnet
Trondheim
Levanger
Verdalsøra
Steinkjer
Namsos
Oksvoll
Opphaug
Uthaug
Botngard
Råkvåg
Husby
Størdalsbugen
Selnes
Flatnes
Grande
Fevåg
Sollia
Ørsjødal
Myr
Rønningen
Tautra
Asen
Hopla
Kvithamar
Stjørdalshalsen
Hell
Muruvik
Malvik
Bostad
Hommelvik
Østmarken
Trolla Bruk
Nordre Geita
Ingdalen
Selbekken
Raudberget
Vernundstad
Snillfjord
Geitastrand
Heimdal
Foldal
Okkelberg
Hegra
Skjelstad
Sand
Kjerkenesvåg
Fagervik
Straumen
Sundnes
Hylla
Vangshylla
Vennesheimn
Hokstad
Nordskaget
Stiklestad
Kjønstad
Skogn
Ramberg
Sela
Foldafoss
Henning
Sør-Fidem
Ames
Lines
Sørgard
Five
Binde
TRØNDELAG
NORD-TRØNDELAG
E6
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NALMEB / GPF HISTORY

- 1979: Bilateral Study Group
  - Rapid Reinforcement of NATO's Northern Flank
- 1981: Bilateral MOU
- 1988: Norway Completes Cave Construction
- 1989: Initial Operational Capability
- 1992: Final Ammo and Equipment In Place
- 1995: Prepositioning Arrangement Signed
  - ***Burden Sharing Agreement (50 / 50)***
- 1996: CNA Study on NALMEB Retention
- 1998: Ammunition Fully Containerized
- 1999: Support to Operation Noble Anvil in Taszar, Hungary
- 2001: HQMC Out of Area Policy
- 2002: Support to Operation Enduring Freedom
- 2003: Support to Operation Iraqi Freedom
- 2004: HQMC IPT (Determining the Future of GPF)

GPF BENEFITS

- **Provides strategically located prepositioned equipment, supplies, and sustainment capable of of contributing to operations in support of Norway, NATO, EUCOM, and other Combatant Commanders**
- **Norwegian cost/burden sharing enhances overall program cost effectiveness**
  - **Norwegians bear roughly half the maintenance and facility costs and conduct equipment maintenance/refurbishment**
  - **Norway offers a safe & secure environment, minimizing overall force protection requirements**
- **Regularly scheduled bilateral exercises enhance USMC and Norwegian planning/operational interoperability**
  - **Norwegians provide training areas, transportation support, force protection, and contracting support in support of critical USMC cold weather training**

USMC CURRENT NALMEB ORGANIZATION
(GPF STRUCTURE TBD)

NALMEB COMMAND ELEMENT

GROUND COMBAT ELEMENT
INFANTRY REGIMENT (REIN)

- INFANTRY BN (X3)
- ARTILLERY BN
- RECON CO (REIN)
- CMBT ENGR CO (REIN)

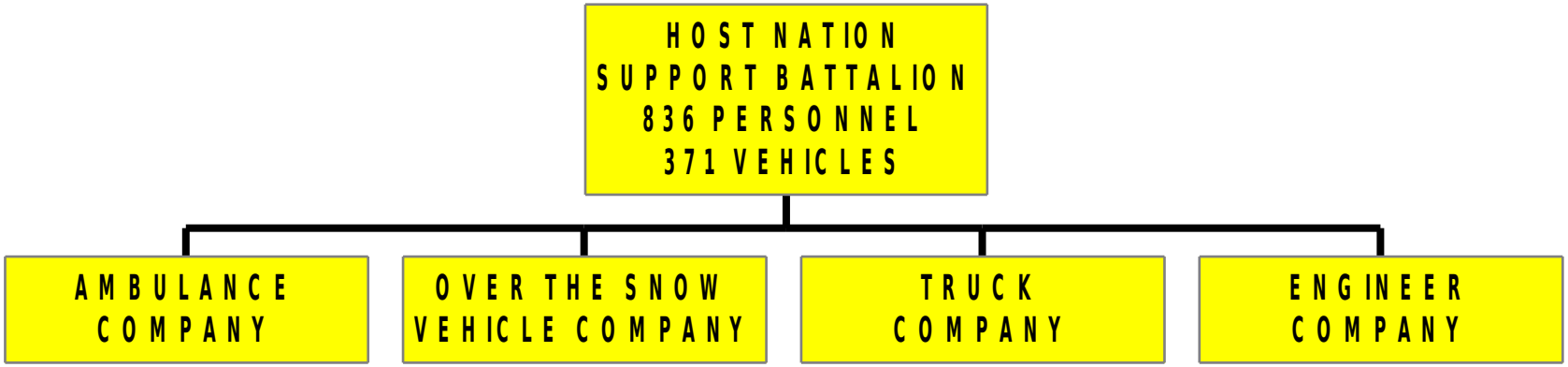
AVIATION COMBAT ELEMENT
MARINE AIRCRAFT GROUP (COMPOSITE)

- 36 x F/A-18 (HORNETS)
- 32 x AV-8B (HARRIERS)
- 5 x EA-6B (PROWLERS)
- 6 x KC-130
- 16 x CH-53E
- 36 x CH-46
- 9 x UH-1N (HUEYS)
- 18 x AH-1W (CORBAS)

COMBAT SERVICE SUPPORT ELEMENT

- DET, ENGINEER SUPPORT BN
- DET, MAINTENANCE BN
- DET, SUPPLY BN
- DET, MEDICAL BN
- DET, DENTAL BN
- DET, TRANSPORTATION SUPPORT BN

HOST NATION SUPPORT BATTALION



- PROVIDES SIGNIFICANT COMBAT SERVICE SUPPORT TO THE NALMEB

- PLANS CALL FOR ATTACHMENT TO NALMEB ONCE REDEPLOYED TO THE KEY EMPOYLMENT AREA (KEA)

SUMMARY OF PREPOSITIONED EQUIPMENT

TYPE	VALUE	EXAMPLES
Ground Equipment	$173.9 M	18 Howitzers, 171 Trucks, 518 HMMWV's, 14 Cranes, 96 Forklifts
Aviation Support Equipment	$20.1 M	20 Tow Tractors, 20 Maint Shelters, 86 Engine Heaters
Ground Ammunition	$60.3 M	30 Days of Ammo
Aviation Ammunition	$130.8 M	Level of Effort, Not Threat Based

NORWAY PREPO ASSETS ISO MPF CONSTITUTION

- **NALMEB Class VII Support MPF Reconstitution**

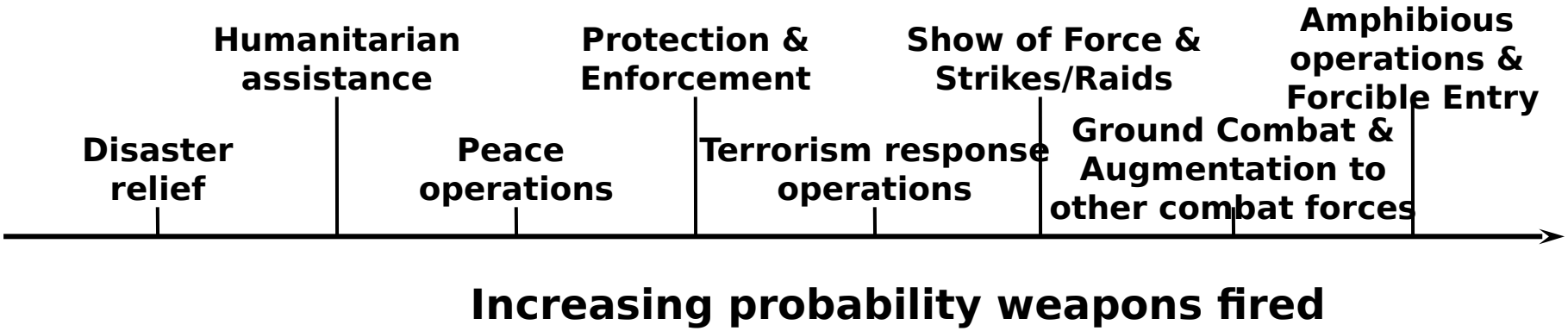
Equip (Class VII 600+ items; Class II 6,000+ items)	Qty
– Containers (Principal End Items & Consumables)	238
• Various Tool Kits	79
• Various Tents (CP & GP)	1003
• Containers with HAZMAT	42
• Class VIII (Medical AMALs)	15
– M198 Howitzers	18
– Med Girder Bridge W/ Equip	1
– Various Tractors & Forklifts	38
– AAFS/HERS	6/6
– Various Generators	57
– ROWPU	10
– M931 Tractors W/m970 Refuelers	20
– LVS Mk48 W/various Trailers	27

NALMEB/GPF SUPPORT TO OIF II

CLASSIFIED INFORMATION

POTENTIAL FUTURE MISSIONS FOR LAND-BASED PREPO IN NORWAY

- **NALMEB future mission traits**
  - **Support small to medium sized MAGTF**
  - **Support land-locked or regions with poor port infrastructure**
  - **Support crisis area within 10-15 days of initiating withdrawal**
- **Exploit selective/scalable withdrawal aspects**



STRATEGIC CONTEXT

- NALMEB was focused on employability
- GPF focused on deployability & support to Regional Combatant Commanders
- Norway provides rapid access to EUCOM and CENTCOM AORs
- Globally Deployable
  - * Air: Global
  - * Rail: Intra-theater but capable of reaching CENTCOM
  - * Sea: Intra/Inter – theater
- Enhances existing MPF capability by:
  - Bridging initial gap in force closure rate
  - Accesses areas not conducive to port operations
  - Rapid and selective access to high demand items (i.e. -

STRATEGIC CONTEXT

- **Tailorable equipment sets:**
  - **Brigade set?**
  - **MEU slice?**
  - **Two MEU slice?**
  - **Low to Mid intensity conflicts focused?**
  - **CSS-intensive?**
- **Rapid Response**
  - **10-30-30 Operational Availability Planning Metric**

DRAFT GPF PURPOSE STATEMENT

A prepositioned set of equipment and supplies that is easily scalable and rapidly deployable worldwide, designed to support Regional Combatant Commanders in Low to Mid intensity conflicts and with other operational requirements

MISSION SUPPORT CATEGORIES

- **Peacekeeping, peace enforcement, and support to peace operations**
- **Noncombatant evacuation operations (NEO)**
- **Humanitarian assistance and disaster response operations (HA/DR)**
- **Counter-drug operations (CD)**
- **Consequence Management operations (CM)**
- **U.S. participation and support to NATO in the execution of Article 5 collective defense operations**
- **Reinforcement and support of NATO requirements for NATO "Out of Area" operations, including peace operations**

THE FUTURE OF LAND-BASED PREPO IN NORWAY

- **Commitment remains solid**
- **Capability remains intact**
- **Program remains a premier example of bilateral cooperation and prepositioning excellence**
  - **Established storage and maintenance facilities**
  - **Host nation security capabilities and stable location reduces AT/FP rqts**
  - **Fwd-based location reduces deployment timeline for overall force closure**

QUESTIONS/COMMENTS